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☒ 2i3u



Structural studies of protein  
tyrosine phosphatase beta catalytic  
domain in complex with inhibitors

Release Date: 29-Aug-2006 Exp. Method:

Resolution: 1.85 Å

*Characteristics*

*Classification*

Hydrolase

*Compound*

Polymer: 1 Molecule: Receptor-type tyr  
phosphatase beta Fragment: catalytic  
residues 1662-1973 Chains: A EC no.

*Authors*

Evdokimov, A.G., Pokross, M.E., W.  
R.L., Mekel, M.

☒ 2i3r



Engineered catalytic domain of  
protein tyrosine phosphatase  
HPTPbeta

Release Date: 29-Aug-2006 Exp. Method:

Resolution: 1.85 Å

*Characteristics*

*Classification*

Hydrolase

*Compound*

Polymer: 1 Molecule: Receptor-type tyr  
phosphatase beta Fragment: catalytic  
residues 1662-1973 Chains: A,B EC

no. 3.1.3.48

*Authors*

Evdokimov, A.G., Pokross, M.E., W.  
R.L., Mekel, M.

☒ 2i4e



Structural studies of protein  
tyrosine phosphatase beta catalytic  
domain in complex with inhibitors

Release Date: 29-Aug-2006 Exp. Method:





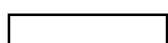


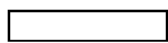


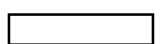


Resolution: 1.75 Å


*Characteristics*

*Classification*

Hydrolase


Polymer: 1 Molecule: Receptor-type tyr

	<b>phosphatase beta</b> Fragment: <b>catalytic residues 1662-1973</b> Chains: <b>A,B</b> EC no.: <b>3.1.3.48</b> 
<i>Compound</i>	
<i>Authors</i>	Evdokimov, A.G., Pokross, M.E., W. R.L., Mekel, M.
<input checked="" type="checkbox"/> <b>2i4g</b> 	Structural studies of protein tyrosine phosphatase beta catalytic domain in complex with a sulfamio acid (soaking experiment)
	<i>Characteristics</i> Release Date: 29-Aug-2006 Exp. Method: Resolution: 1.65 Å
	<i>Classification</i> Hydrolase
	Polymer: <b>1</b> Molecule: <b>Receptor-type tyr phosphatase beta</b> Fragment: <b>catalytic residues 1662-1973</b> Chains: <b>A</b> EC no.
<i>Compound</i>	
<i>Authors</i>	Evdokimov, A.G., Pokross, M.E., W. R.L., Mekel, M.
<input checked="" type="checkbox"/> <b>2h04</b> 	Structural studies of protein tyrosine phosphatase beta catalytic domain in complex with inhibitors
	<i>Characteristics</i> Release Date: 13-Jun-2006 Exp. Method: Resolution: 2.30 Å
	<i>Classification</i> Hydrolase
	Polymer: <b>1</b> Molecule: <b>Protein tyrosine p receptor type, B,</b> Fragment: <b>catalytic d residues 1662-1973</b> Chains: <b>A</b> EC no.
<i>Compound</i>	
<i>Authors</i>	Evdokimov, A.G., Pokross, M.E., W. R.L., Mekel, M., Gray, J.L., Peters, M.B., Amarasinghe, K.D., Clark, C.M R.
<input checked="" type="checkbox"/> <b>2h02</b> 	Structural studies of protein tyrosine phosphatase beta catalytic domain in complex with inhibitors
	<i>Characteristics</i> Release Date: 13-Jun-2006 Exp. Method: Resolution: 2.30 Å
	<i>Classification</i> Hydrolase
	Polymer: <b>1</b> Molecule: <b>Protein tyrosine p receptor type, B,</b> Fragment: <b>catalytic d residues 1662-1973</b> Chains: <b>A,B</b> EC no.: <b>3.1.3.48</b> 
<i>Compound</i>	
<i>Authors</i>	Evdokimov, A.G., Pokross, M.E., W. R.L., Mekel, M., Gray, J.L., Peters, M.B., Amarasinghe, K.D., Clark, C.M R.
<input checked="" type="checkbox"/> <b>2h03</b> 	Structural studies of protein tyrosine phosphatase beta catalytic domain in complex with inhibitors








**Characteristics** Release Date: 13-Jun-2006 Exp. Method:  
Resolution: 1.65 Å

**Classification** Hydrolase

**Compound** Polymer: 1 Molecule: Protein tyrosine p  
receptor type, B, Fragment: catalytic d  
1970 Mutation: P1748G, C1749G Ch:  
no.: 3.1.3.48 

**Authors** Evdokimov, A.G., Pokross, M.E., W.  
R.L., Mekel, M., Gray, J.L., Peters,  
M.B., Amarasinghe, K.D., Clark, C.M.  
R.

☒ 2hc1     Engineered catalytic domain of  
protein tyrosine phosphatase  
HPTPbeta.







**Characteristics** Release Date: 27-Jun-2006 Exp. Method:  
Resolution: 1.30 Å


**Classification** Hydrolase

**Compound** Polymer: 1 Molecule: Receptor-type tyr  
phosphatase beta Fragment: catalytic

Mutation: yes Chains: A EC no.: 3.1.3.4

**Authors** Evdokimov, A.G., Pokross, M.E., W.  
R.L., Mekel, M.

☒ 2i4h     Structural studies of protein  
tyrosine phosphatase beta catalytic  
domain co-crystallized with a  
sulfamic acid inhibitor



**Characteristics** Release Date: 29-Aug-2006 Exp. Method:  
Resolution: 2.15 Å

**Classification** Hydrolase

**Compound** Polymer: 1 Molecule: Receptor-type tyr  
phosphatase beta Fragment: catalytic  
residues 1662-1973 Chains: A EC no.

**Authors** Evdokimov, A.G., Pokross, M.E., W.  
R.L., Mekel, M.